

Sub D1  
1. (Three times amended) A shield cleaning system, operating solely by spraying with washing fluid, for shields of an automobile, comprising

an electric motor,

a washing arm movable over and at a distance from the shield by said electric motor, and

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a washing nozzle arranged on the washing arm for spraying washing fluid onto the shield, wherein the washing nozzle (12-14, 25, 38, 50, 54, 63) is formed for spraying a part region of the shield (2, 34, 49, 55, 65) and is movable by the washing arm (6, 37, 48, 53) over a region of the shield (2, 34, 49, 55, 65) which is to be cleaned, wherein the washing nozzle has an outlet opening facing said shield in and defining all spraying positions of the nozzle and that of the washing arm immediately during movement of the washing arm from a basic position, and the washing nozzle is sprayable on at least portions of the shield immediately during all of said movement of the washing arm; and

wherein the washing nozzle (12-14, 25, 38, 50, 54, 63) is a fluidic nozzle with a washing fluid jet oscillating essentially transversely to the direction of movement of the washing arm (6, 37, 48, 53), the fluidic nozzle comprising a swirl chamber with return ducts to an inlet region of the swirl chamber to induce oscillation of an emerging fluid washing jet.

c 2 6. (three times amended) The shield cleaning system as claimed in claim 3, wherein a heating element comprising a resistance wire 15 is arranged in the washing fluid duct (8).

25. (three times amended) A shield cleaning system, operating solely by spraying with washing fluid, for shields of an automobile, comprising

a motor,

c 3 a washing arm component (60) movable over and at a distance from the shield by said motor, and a washing nozzle arranged on the washing arm component for spraying washing fluid onto the shield, wherein the washing nozzle has an outlet opening facing said shield in and defining all spraying positions of the nozzle and that of the washing arm component immediately during movement of the washing arm component from a basic position, and the washing nozzle is sprayable on at least portions of the shield immediately during all of said movement of the washing arm component, and wherein

the motor (61) for moving the washing arm component (60) is a motor (61) driven by the washing fluid, wherein the washing nozzle (12-14, 25, 38, 50, 54, 63) is a fluidic nozzle with a washing fluid jet oscillating essentially transversely to the direction of movement of the washing arm (6, 37, 48, 53), the fluidic nozzle comprising a swirl chamber with

return ducts to an inlet region of the swirl chamber to induce oscillation of an emerging fluid washing jet.

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Please enter the following claim:

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30. (new) The shield cleaning system as claimed in claim 3, wherein a heating element comprising a resistance wire 15 is arranged at the washing nozzles.

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